

§ 90.215

Class IV engine family may bank credits for use in future model year averaging and trading from those Class III or Class IV engine families with an FEL at or below the applicable standard.

(5) For the 2004 through 2006 model years, a manufacturer of a Class V engine family may bank credits for use in future model year averaging and trading from those Class V engine families with an FEL at or below the applicable standard.

(6) Negative credits may be banked only according to the requirements under § 90.216(c).

(b)(1) [Reserved]

(2) [Reserved]

(3) Beginning with the 2000 model year and prior to the applicable date listed in paragraph (a) of this section for Class III engines, a manufacturer may bank early credits for all Class III engines with HC+NO_x FELs below the applicable standard. All early credits for Class III engines shall be calculated against a HC+NO_x level of 238 g/kW-hr.

(4) Beginning with the 2000 model year and prior to the applicable date listed in paragraph (a) of this section for Class IV engines, a manufacturer may bank early credits for all Class IV engines with HC+NO_x FELs below the applicable standard. All early credits for Class IV engines shall be calculated against a HC+NO_x level of 196 g/kW-hr.

(5) Beginning with the 2000 model year and prior to the applicable date listed in paragraph (a) of this section for Class V engines, a manufacturer may bank early credits for all Class V engines with HC+NO_x FELs below the applicable standard. All early credits for Class V engines shall be calculated against a HC+NO_x level of 143 g/kW-hr.

(6) Engines certified under the early banking provisions of this paragraph are subject to all of the requirements of this part applicable to Phase 2 engines.

(c) A manufacturer may bank actual credits only after the end of the model year and after EPA has reviewed the manufacturer's end-of-year reports. During the model year and before submittal of the end-of-year report, credits originally designated in the certification process for banking will be considered reserved and may be redesign-

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nated for trading or averaging in the end-of-year report and final report.

(d) Credits declared for banking from the previous model year that have not been reviewed by EPA may be used in averaging or trading transactions. However, such credits may be revoked at a later time following EPA review of the end-of-year report or any subsequent audit actions.

[65 FR 24309, Apr. 25, 2000]

§ 90.215 Trading under the optional program.

(a) An engine manufacturer may exchange emission credits with other engine manufacturers in trading.

(b) Credits for trading can be obtained from credits banked in previous model years or credits generated during the model year of the trading transaction.

(c) Traded credits can be used for averaging, banking, or further trading transactions.

(d) Traded credits are subject to the limitations on use for past model years, as set forth in § 90.213(c).

(e) In the event of a negative credit balance resulting from a transaction, both the buyer and the seller are liable, except in cases involving fraud. Certificates of all engine families participating in a negative trade may be voided ab initio pursuant to § 90.123.

[65 FR 24310, Apr. 25, 2000]

§ 90.216 Credit calculation and manufacturer compliance with emission standards under the optional program.

(a)(1) For each engine family, HC+NO_x [NMHC+NO_x] certification emission credits (positive or negative) are to be calculated according to the following equation and rounded to the nearest gram. Consistent units are to be used throughout the following equation:

$$\text{Credits} = \text{Production} \times (\text{Standard} - \text{FEL}) \times \text{Power} \times \text{Useful life} \times \text{Load Factor} \times \text{Adjustment Factor}$$

Where:

Production = eligible production as defined in this part. Annual production projections are used to project